



pAB-Back:

5' 3'
ACC AGA AGC TTA TGA ATA TGC AAA TC (SEQ ID NO:3)

Linker-Anti:

Linker-Sense:

V_{L(Mut)}-For:

5'
TGC AGG ATC CAA CTG AGG AAG CAA AGT TTA AAT TCT ACT

3'
CAC CTT TGA TC (SEQ ID NO:6)

FIG. 2

FIG. 3

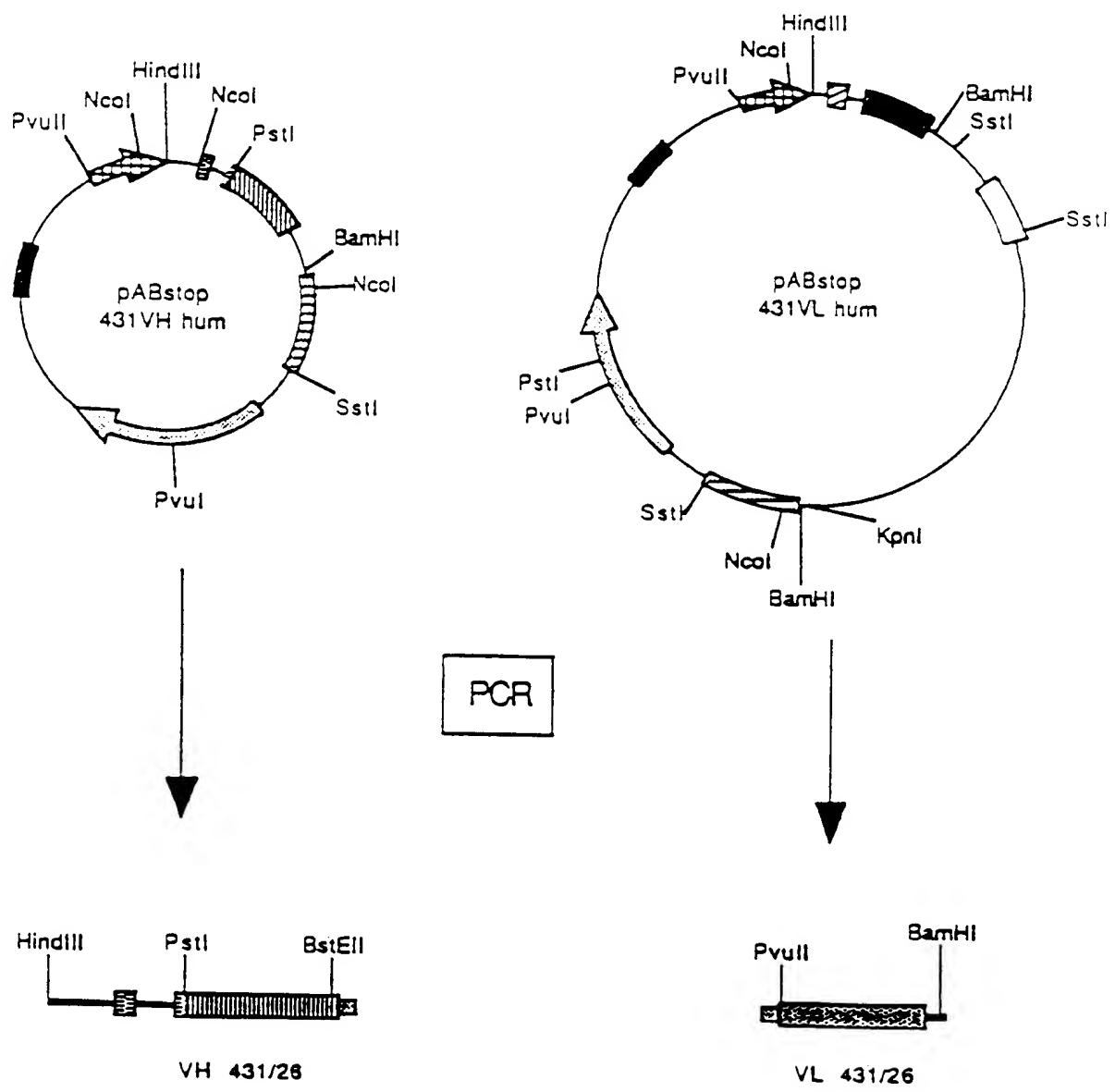


FIG. 4

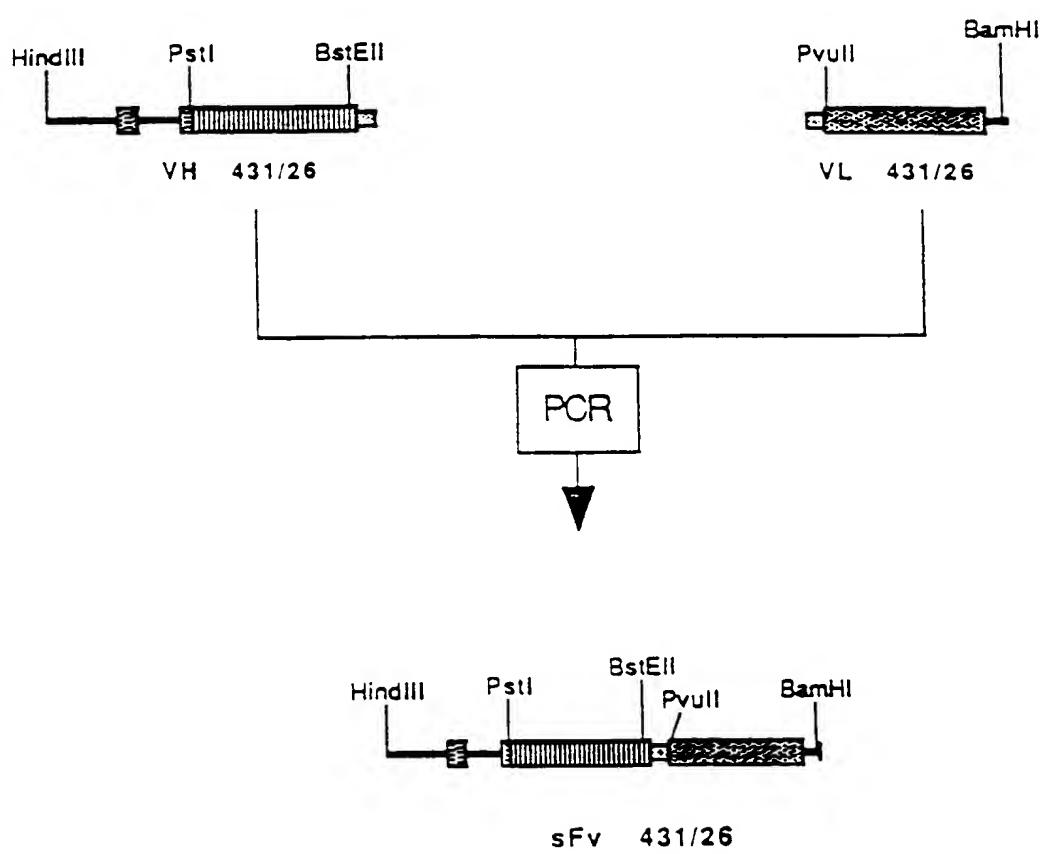


FIG. 5

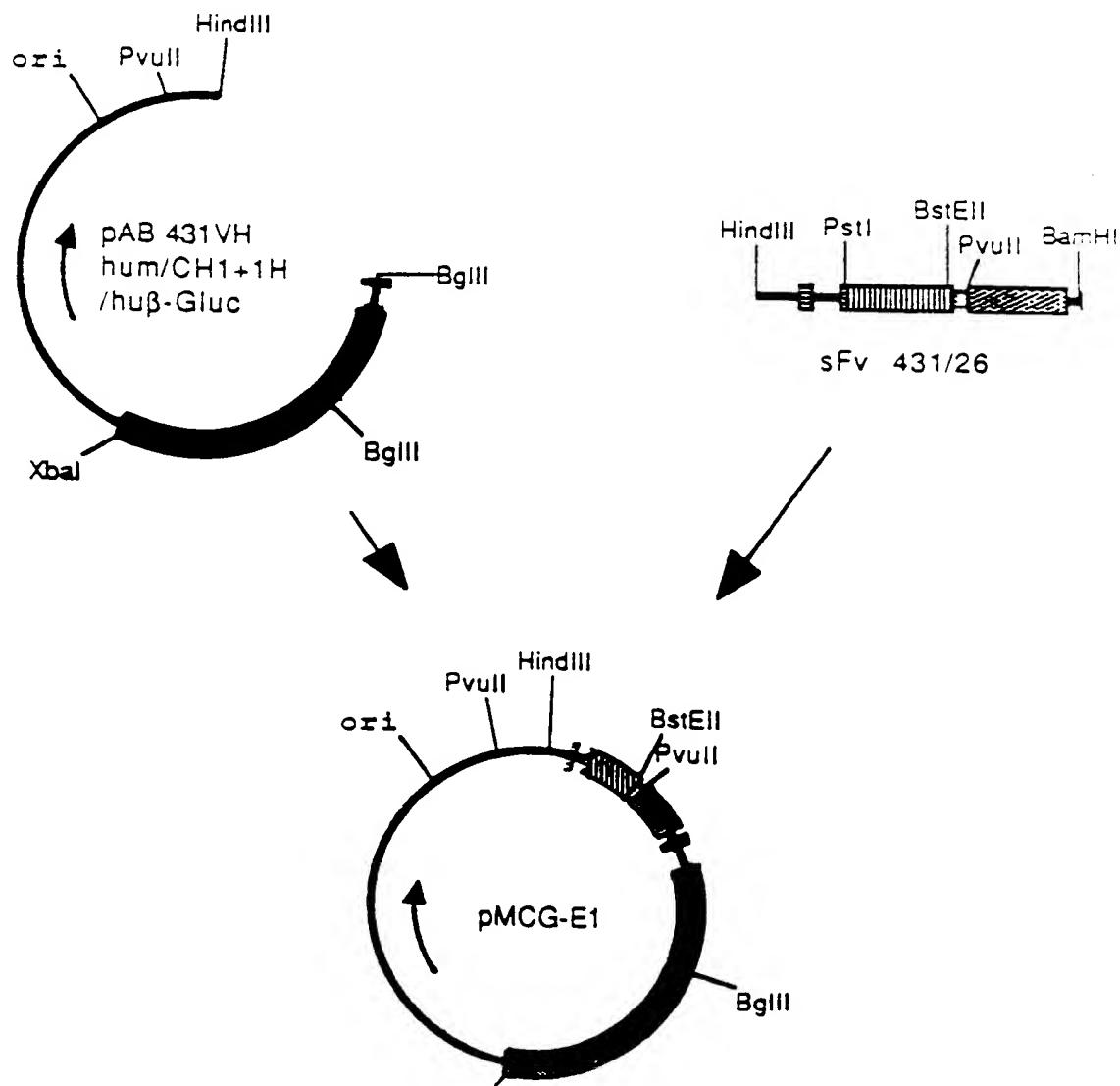


FIG. 6

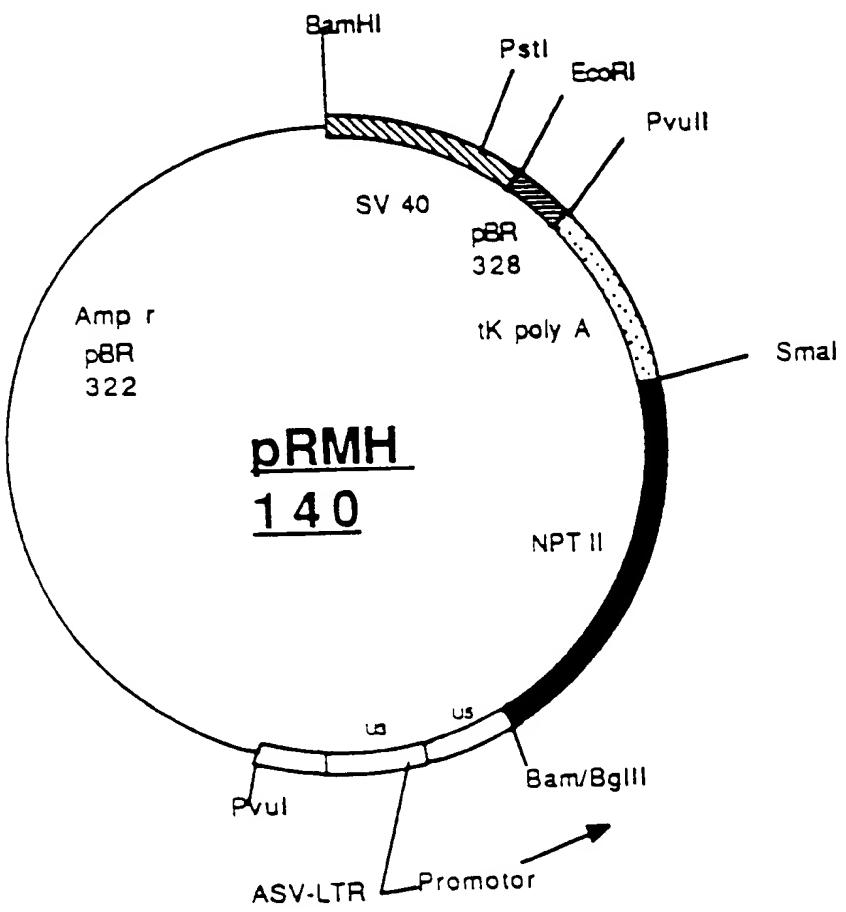
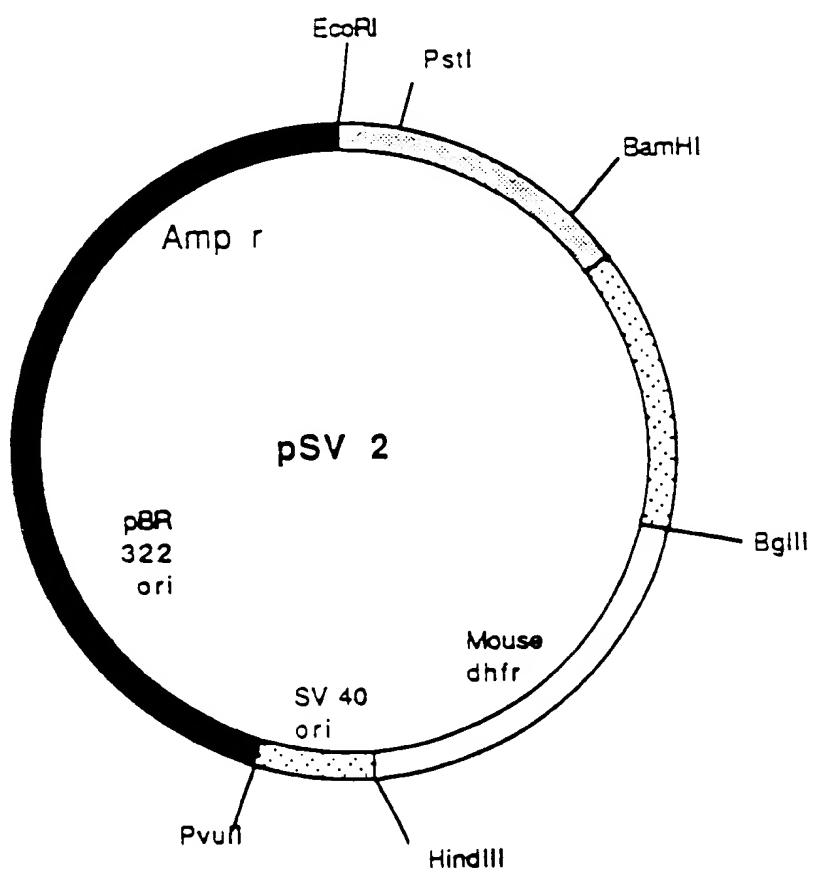


FIG. 7



Oligos for sFv 431/26 cloning in pUC19

sFv for (2561)

5' TTT TTA AGC TTA GAT CTC CAC CTT GGT C 3' (SEQ ID NO:7)

sFv back (2577)

'5' AAA AAT CTA GAA TGC AGG TCC AAC TGC AGG
AGA G 3' (SEQ ID NO:8)

Oligos for hum.β-Gluc cloning in sFv pUC19

Hum.β-Gluc. back oligo (2562)

5' AAA AAA GTG ATC AAA GCG TCT GGC GGG CCA CAG
GGC GGG ATC CTG TAC 3' (SEQ ID NO:9)

Hum.β-Gluc. for oligo (2540)

5' TTT TAA GCT TCA AGT AAA CGG GCT GTT 3' (SEQ ID NO:10)

Oligos for sFv/hum-β-Gluc cloning in pIXY120

PCR oligo VH_pIXY back (2587)

5' TTT TGG TAC CTT TGG ATA AAA GAC AGG TCC AAC TGC AGG
AGA G 3' (SEQ: ID NO:11)

PCR oligo VK_pIXY for (2627)

5' A AAA CCA TGG GAA TTC AAG CTT CGA GCT GGT ACT ACA
GGT 3' (SEQ ID NO:12)

Oligos for E.coli β-Gluc cloning in sFv pUC19

E. coli β-Gluc. for (2639)

5' TTT TAA GCT TCC ATG GCG GCC GCT CAT TGT TTG
CCT CCC TGC TG 3' (SEQ ID NO:13)

E. coli β-Gluc. back (2638)

5' AAA AAG ATC TCC GCG TCT GGC GGG CCA CAG TTA
CGT GTA GAA ACC CCA 3' (SEQ ID NO:14)

FIG. 13

Oligos for sFv/β-lactamase cloning in pIXY120

PCR oligo VH_pIXY back (2587)

5' TTT TGG TAC CTT TGG ATA AAA GAC AGG TCC AAC TGC AGG
AGA G 3' (SEQ ID NO:15)

PCR oligo VK_pIXY/β-lactamase for (2669)

5' AAA AAG CTT AGA TCT CCA GCT TGG TCC C 3' (SEQ ID NO:16)

PCR oligo link/β-lactamase back (2673)

5' AAA GAA TTC TGA TCA AAT CCT CGA GCT CAG GTT CAC
AAA AGG TAG AGA AAA CAG T 3' linker (SEQ ID NO:17)

PCR oligo β-lactamase for (2674)

5' TTT AAG CTT ATT TTA ATA AAT CCA ATG T 3' (SEQ ID NO:18)

FIG. 16

Figure 2

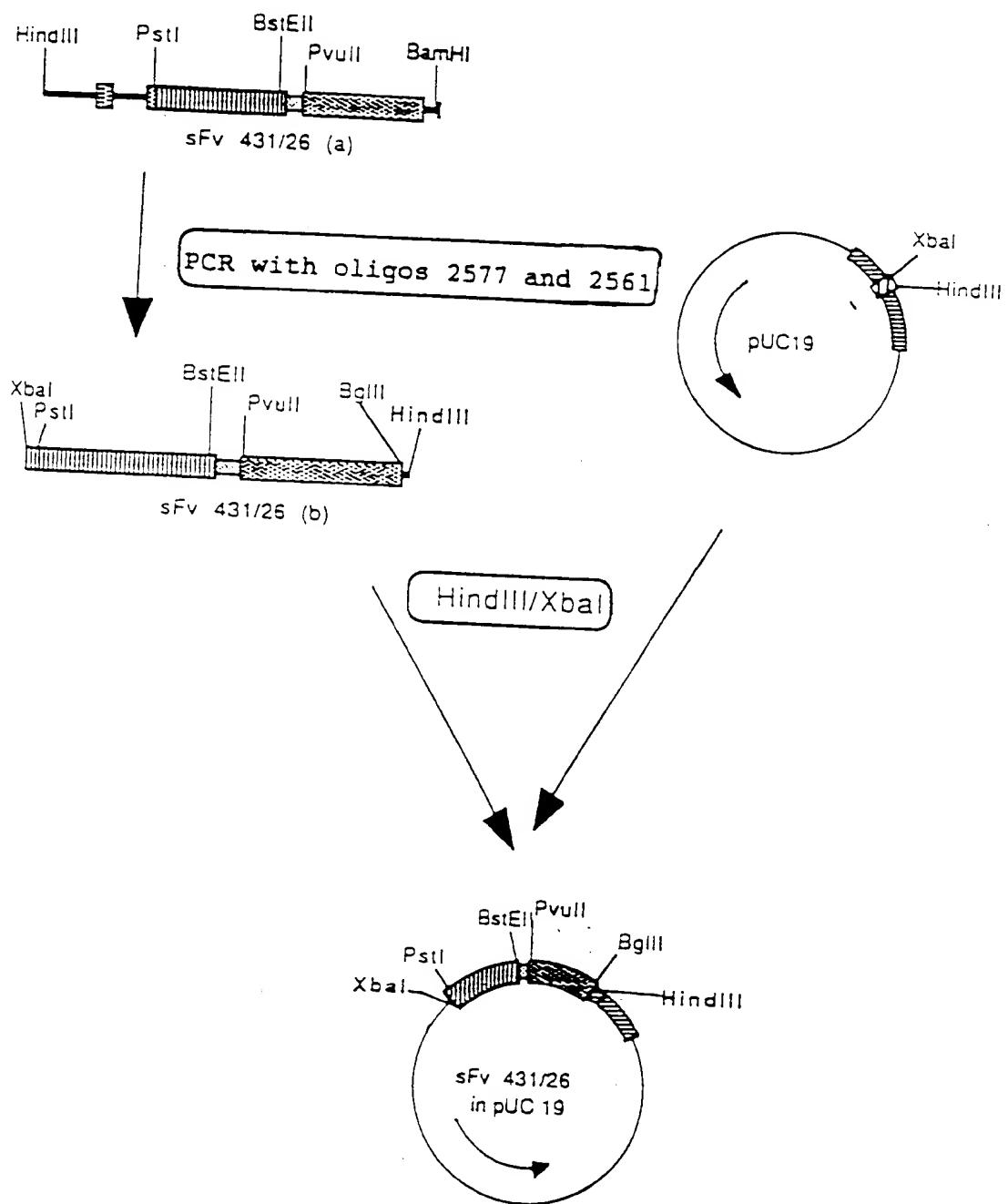


Figure 3

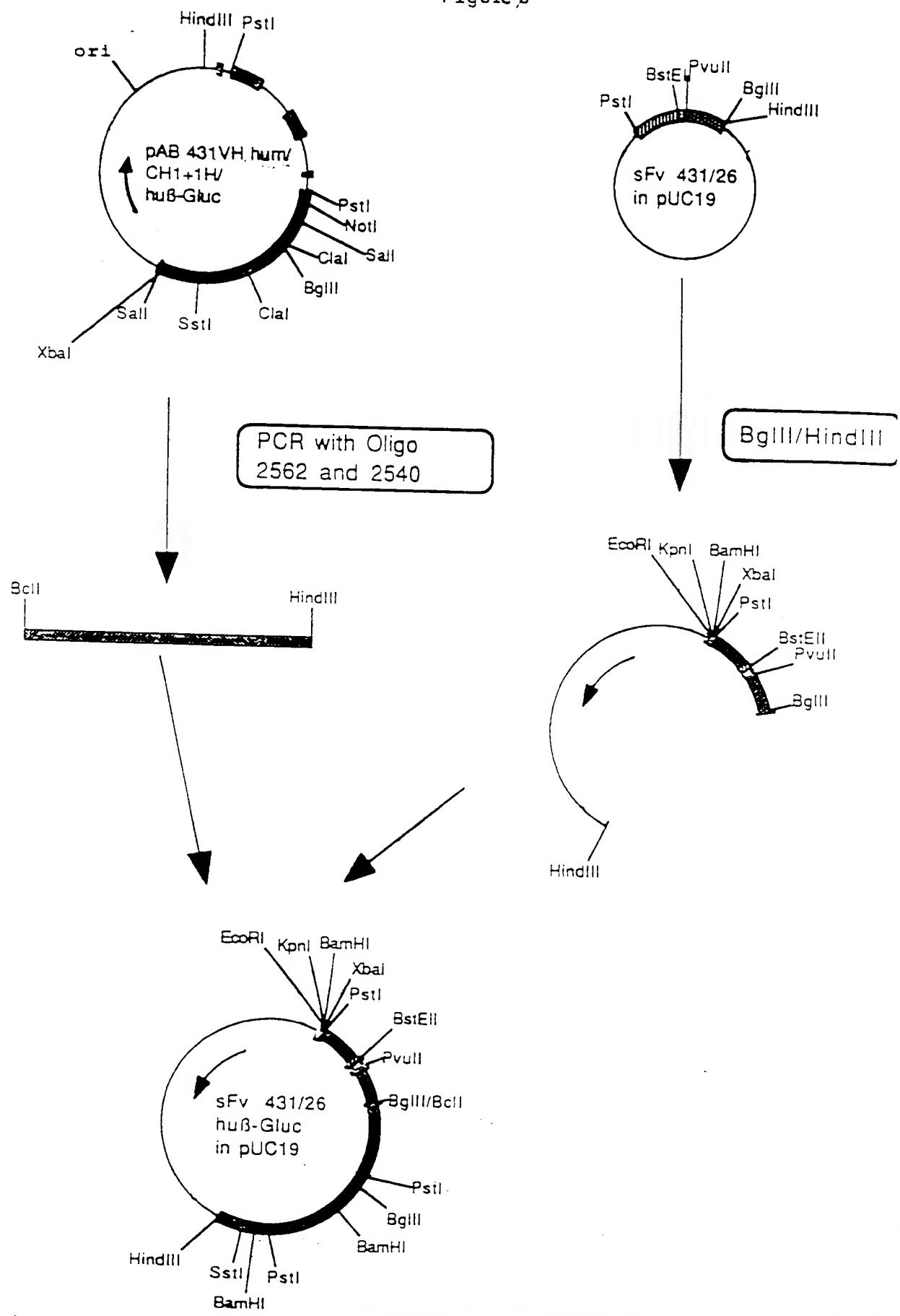


Figure 4

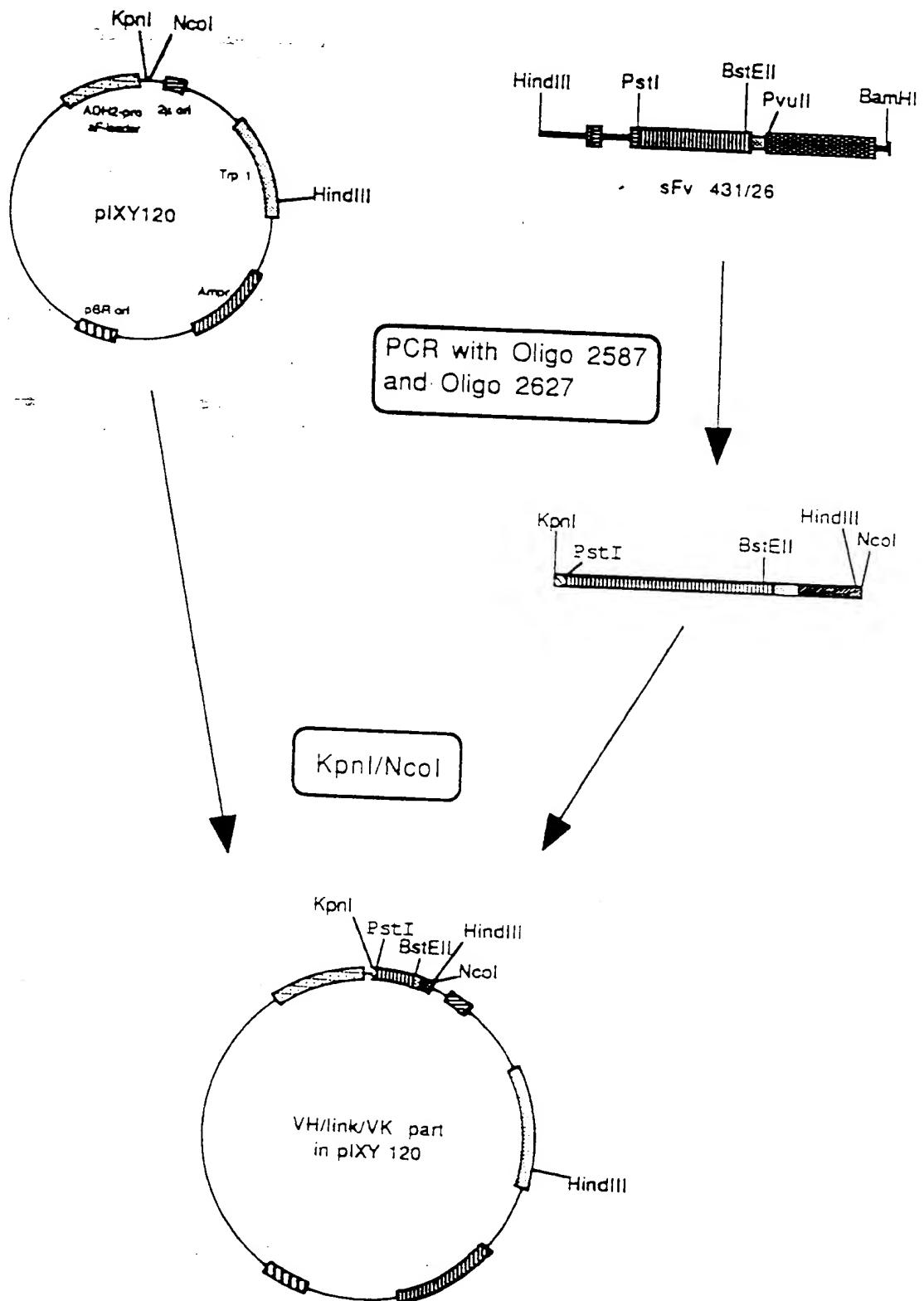


Figure 5

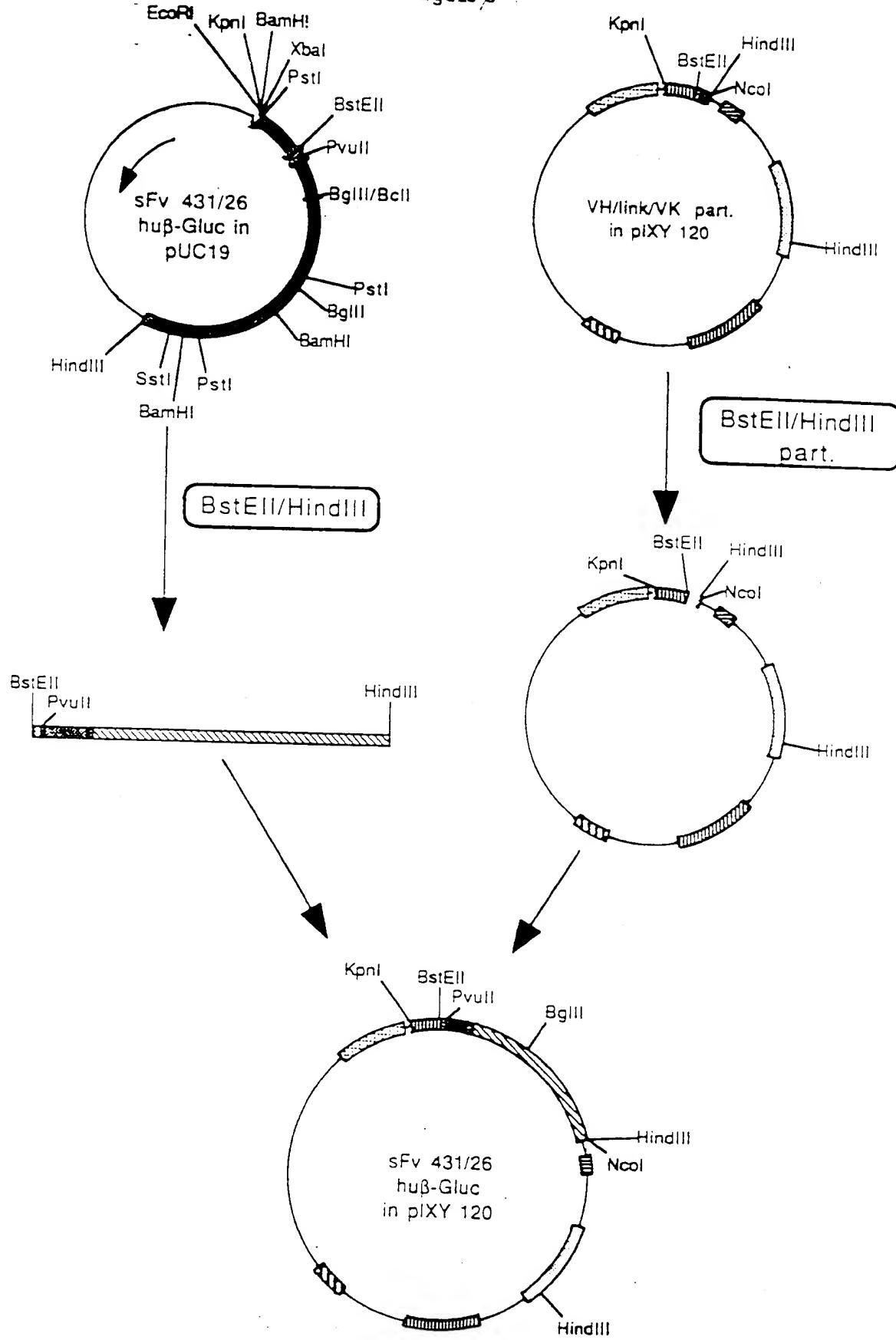


Figure 8

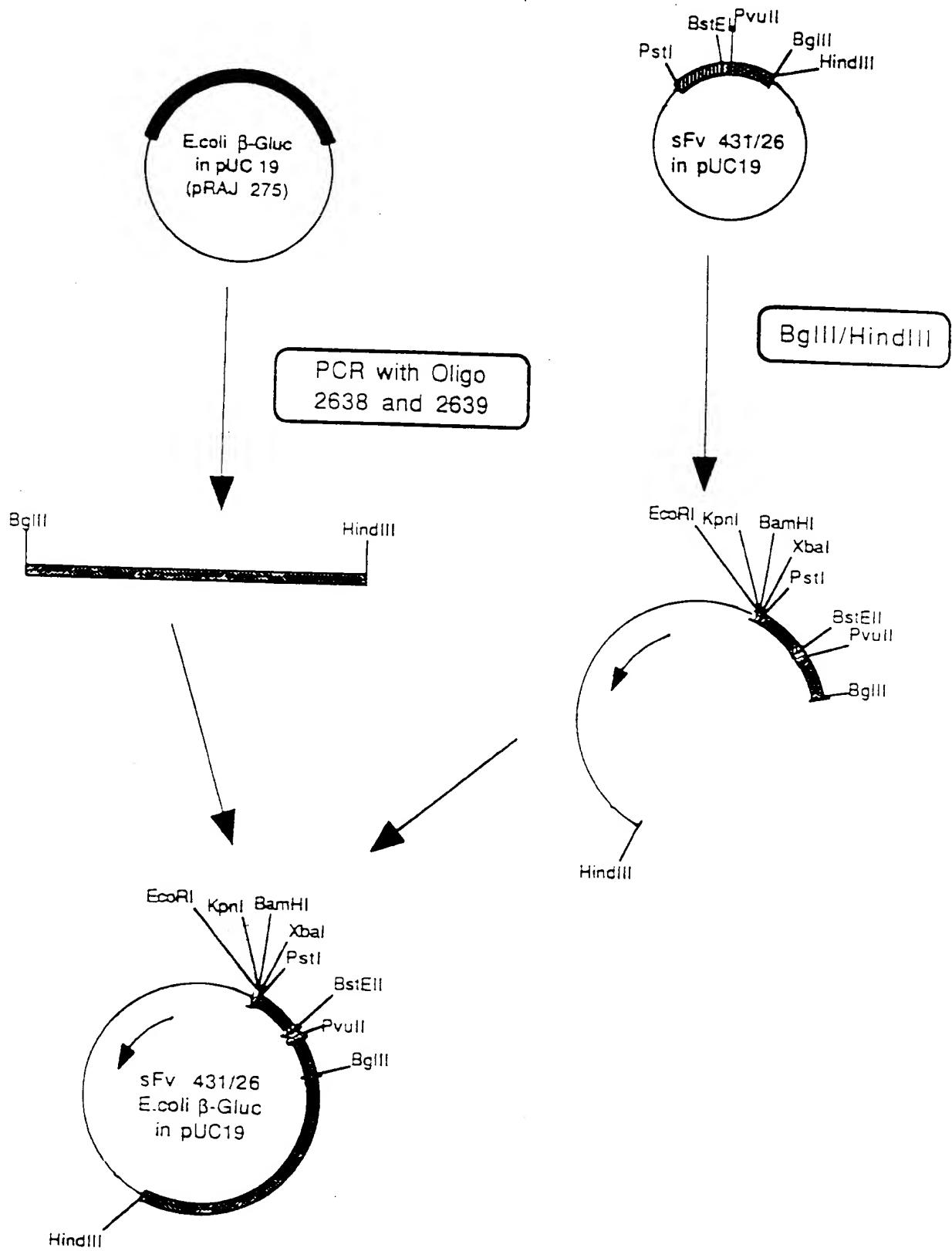


Figure 7

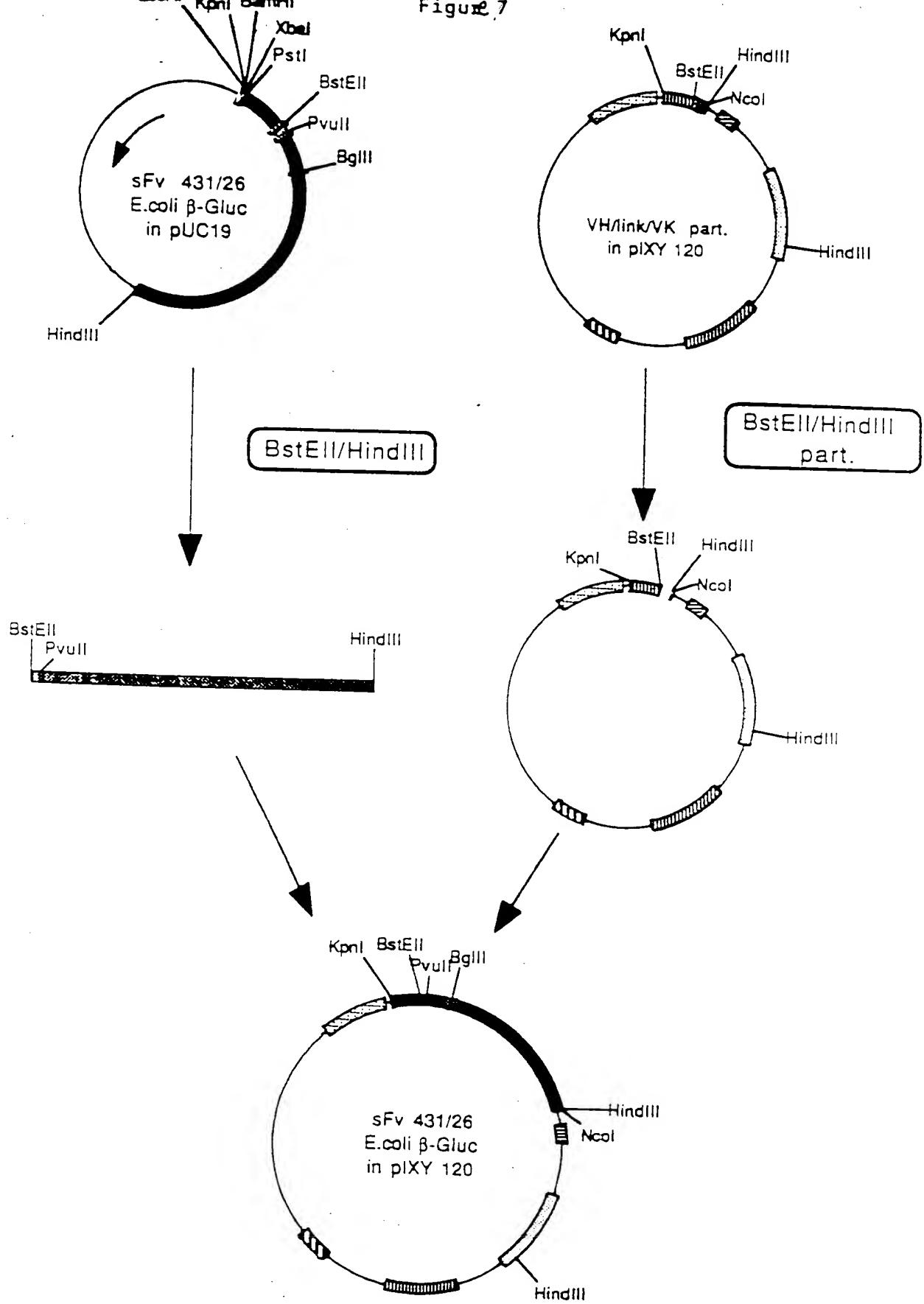


Figure 8

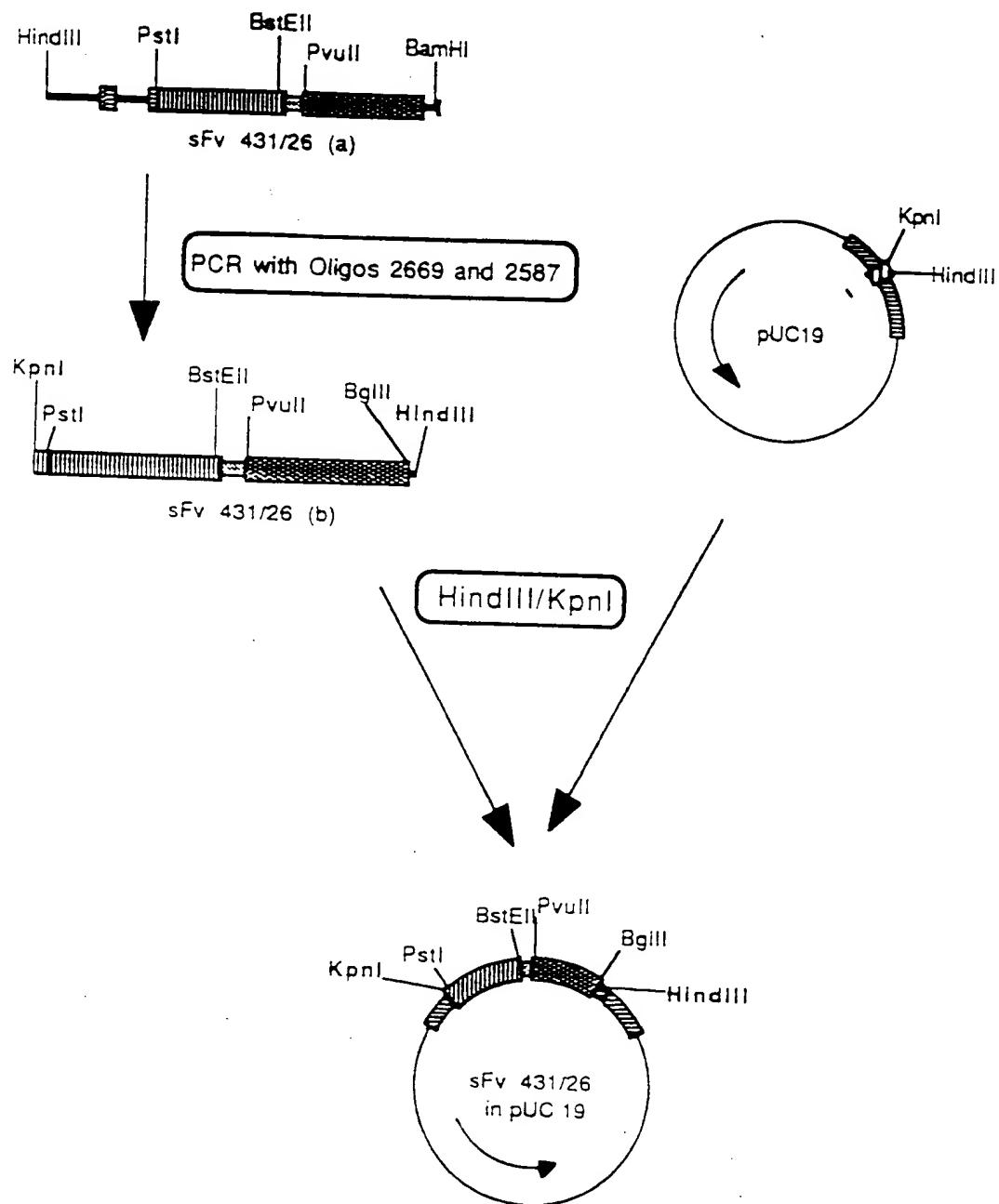


Figure 9

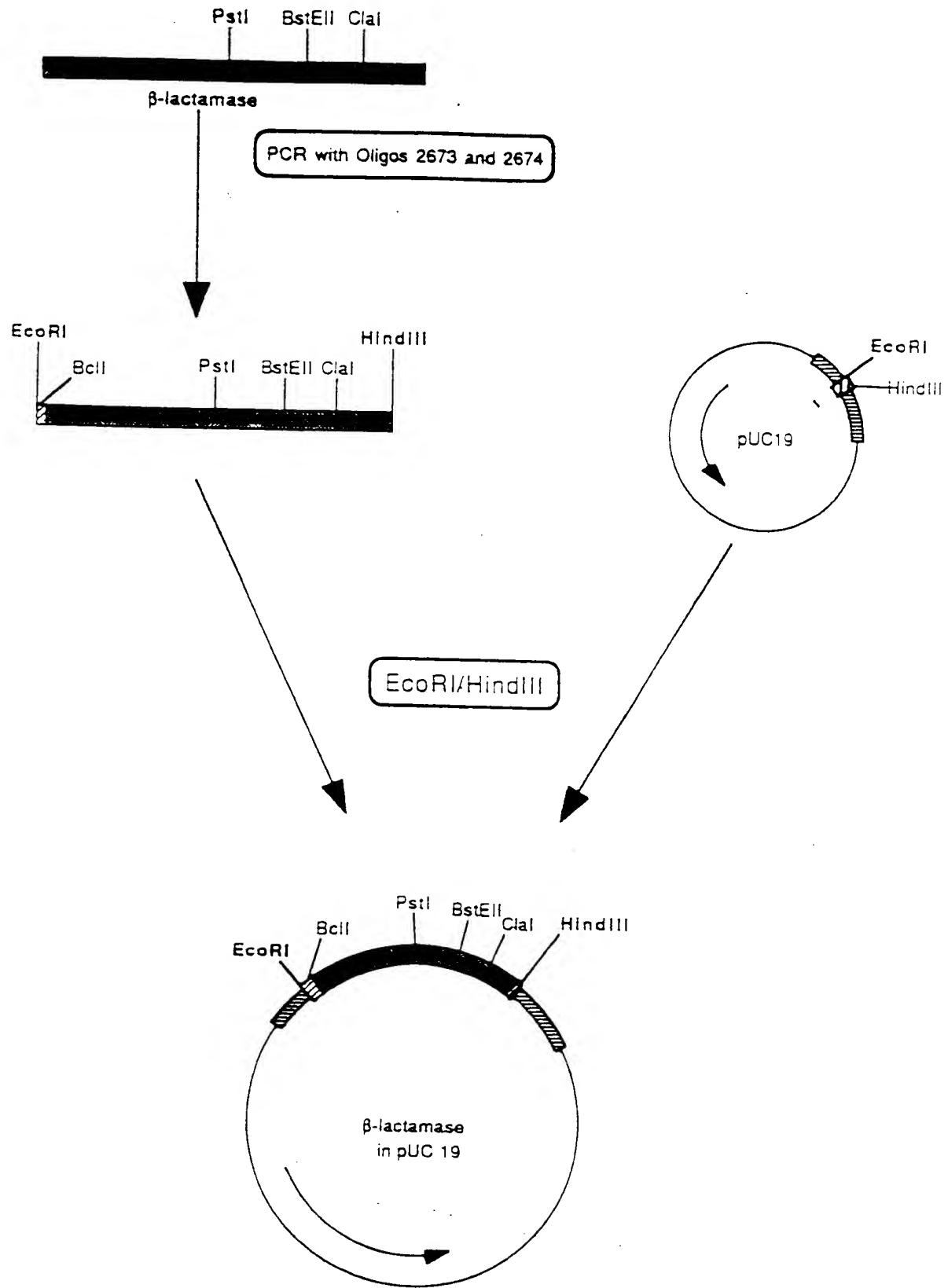


Figure 10

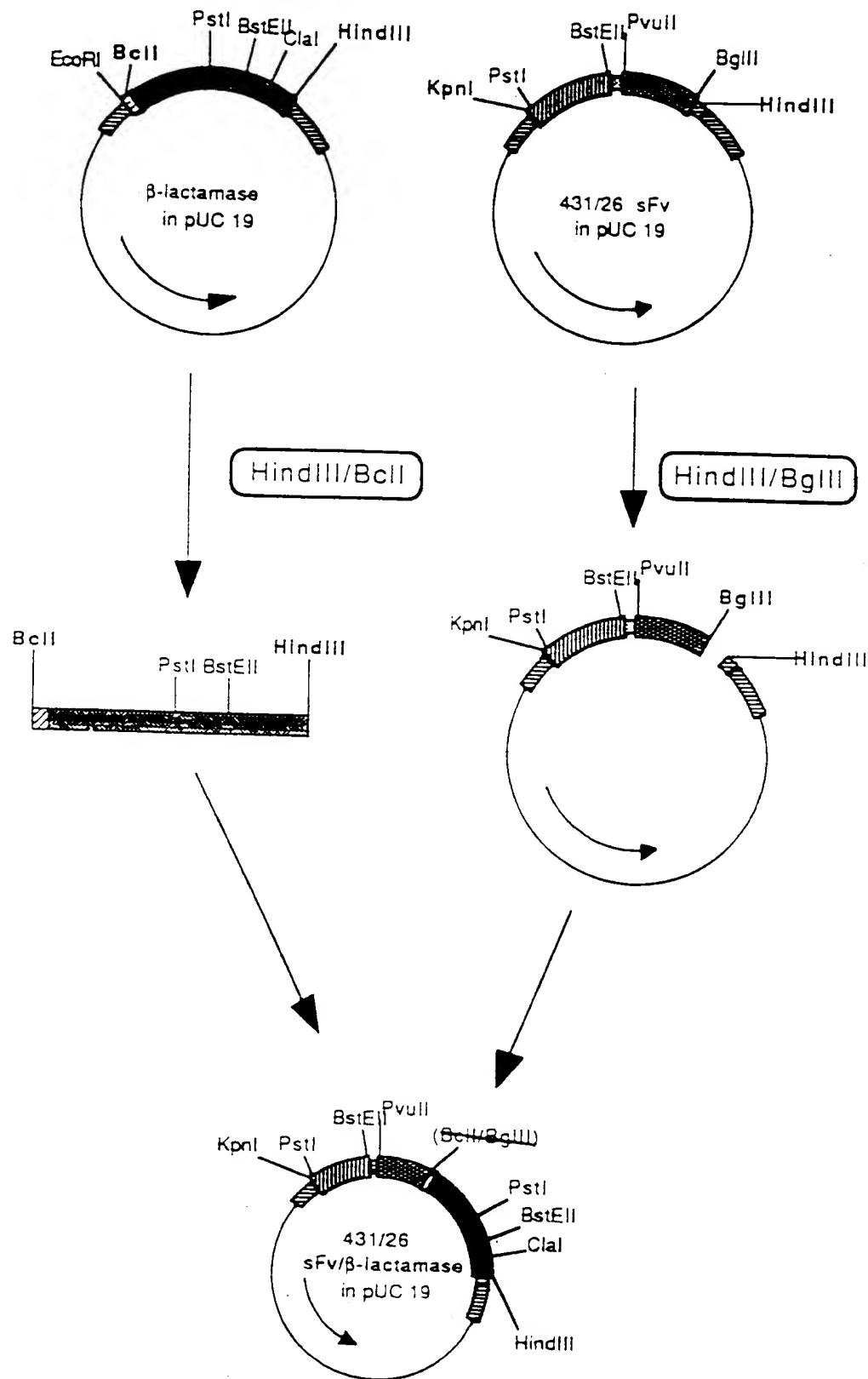


Figure 11

